

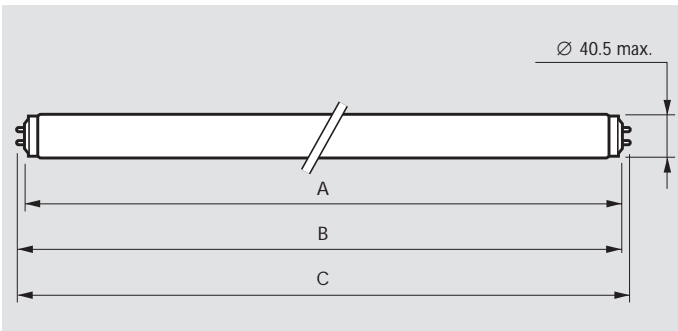
Fluorescent lamps

TL Standard colours



Fluorescent lighting is efficient and economical. The efficacy (lumen/watt) of all fluorescent lamps is high compared to most other light sources. Different luminaires are available for various purposes. TL lamps are low-pressure mercury discharge lamps with a clear tubular 38 mm envelope. The tube wall is internally covered with a mixture of fluorescent powders. TL Standard colours have a moderate colour rendering index (CRI 50-70). Especially the red part of the spectral power distribution is moderately covered by Standard colours.

TL Standard colours are mostly used in applications where colour rendering is not an important factor. The colour designation of TL lamps creates a certain atmosphere. It varies from warm white to cool daylight. The colour designation is determined by the colour temperature of the lamp.



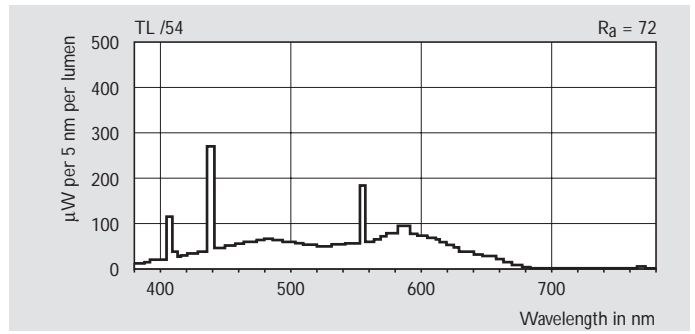
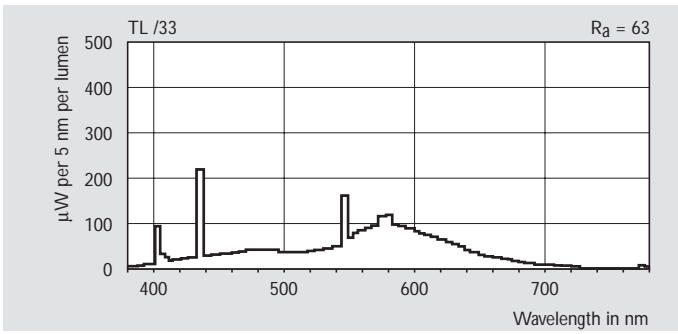
Dimensions in mm

Type	A max.	B min.	B max.	C max.
TL 20W	589.8	594.5	596.9	604.0
TL 40W	1199.4	1204.1	1206.5	1213.6
TL 65W	1500.0	1504.7	1507.1	1514.2

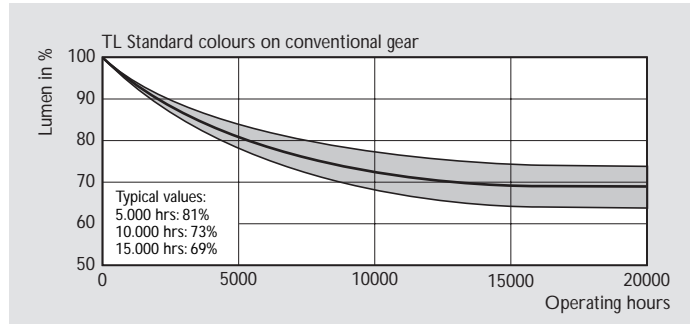
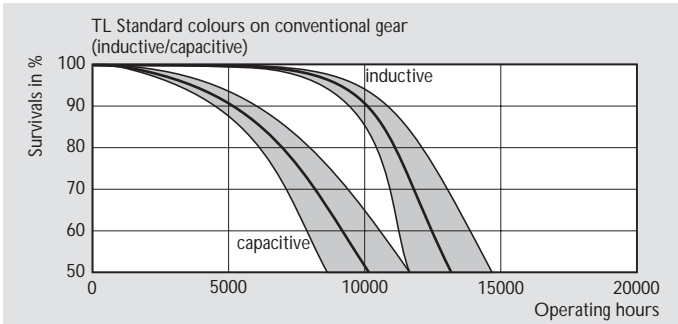
Commercial name	Type	Cap/base	Lamp voltage V	Lamp current A	Colour designation	Correlated colour temperature K	Lumen output lm	Average luminance cd/cm ²	Nett weight g	EOC
/33										
TL	TL 20W /33	G13	57	0.37	COOL WHITE	4100	1100	0.59	156	717207
TL	TL 40W /33	G13	107	0.43	COOL WHITE	4100	2850	0.73	292	717870
TL	TL 65W /33	G13	110	0.67	COOL WHITE	4100	4650	0.94	360	719119
/54										
TL	TL 20W /54	G13	57	0.37	COOL DAYLIGHT	6200	1000	0.53	156	717382
TL	TL 40W /54	G13	107	0.43	COOL DAYLIGHT	6200	2500	0.64	292	718594
TL	TL 65W /54	G13	110	0.67	COOL DAYLIGHT	6200	4100	0.83	360	719201

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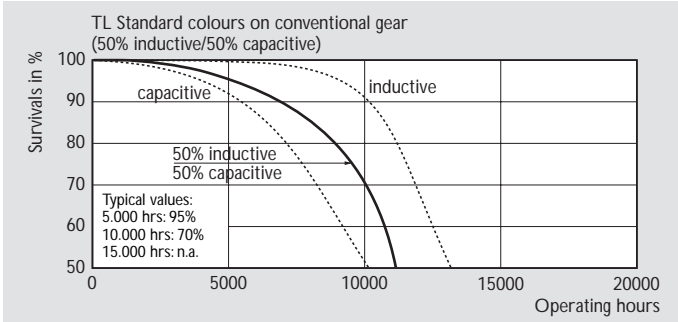


Spectral power distributions

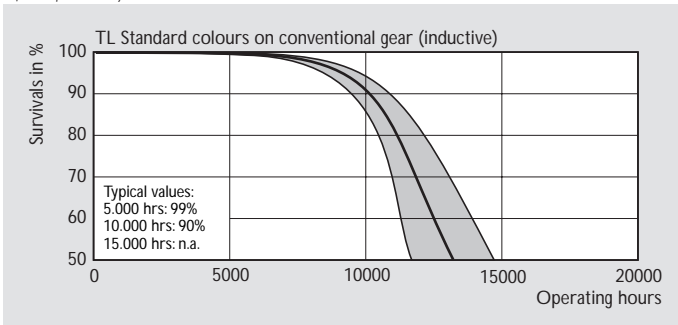


Life expectancy

Lumen maintenance



Life expectancy



Life expectancy